

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method ~~[[of]]~~for providing a communication interface for coupling a point-of-sale (P.O.S.) system to a cash management system having cash depositing and cash dispensing functions, the communication interface for providing communication between the P.O.S. system and the cash management system including providing a first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing a second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link.

2. (Currently Amended) The method of claim 1 wherein providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link includes providing a graphical user interface on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link.

3. (Currently Amended) The method of claim 1 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include defining data formats for communicating information between the cash management system and the P.O.S. system.

4. (Currently Amended) The method of claim 2 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing software on the P.O.S. system ~~to permit for~~ control of

Appln No. 09/807,070
Amdt date August 28, 2009
Reply to Office action of April 28, 2009

the cash management system over the communication link together include defining data formats for communicating information between the cash management system and the P.O.S. system.

5. (Currently Amended) The method of claim 1 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for controlling the cash management system over a modem.

6. (Currently Amended) The method of claim 2 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for controlling the cash management system over a modem.

7. (Currently Amended) The method of claim 3 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for controlling the cash management system over a modem.

8. (Currently Amended) The method of claim 4 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing

software on at least one of the cash management system and the P.O.S. system for controlling the cash management system over a modem.

9. (Currently Amended) The method of claim 1 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for controlling the cash management system over a wide-area network.

10. (Currently Amended) The method of claim 2 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for controlling the cash management system over a wide-area network.

11. (Currently Amended) The method of claim 3 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for controlling the cash management system over a wide-area network.

12. (Currently Amended) The method of claim 4 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing

software on at least one of the cash management system and the P.O.S. system for controlling the cash management system over a wide-area network.

13. (Currently Amended) The method of claim 1 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for performing diagnostic functions on the cash management system.

14. (Currently Amended) The method of claim 2 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for performing diagnostic functions on the cash management system.

15. (Currently Amended) The method of claim 3 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for performing diagnostic functions on the cash management system.

16. (Currently Amended) The method of claim 4 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing

software on at least one of the cash management system and the P.O.S. system for performing diagnostic functions on the cash management system.

17. (Currently Amended) The method of claim 1 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for performing setup functions on the cash management system.

18. (Currently Amended) The method of claim 2 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for performing setup functions on the cash management system.

19. (Currently Amended) The method of claim 3 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing software on at least one of the cash management system and the P.O.S. system for performing setup functions on the cash management system.

20. (Currently Amended) The method of claim 4 wherein providing the first software on the cash management system ~~to permit for~~ operation of the cash management system over a communication link, and providing the second software on the P.O.S. system ~~to permit for~~ control of the cash management system over the communication link together include providing

Appln No. 09/807,070
Amdt date August 28, 2009
Reply to Office action of April 28, 2009

software on at least one of the cash management system and the P.O.S. system for performing setup functions on the cash management system.

21. (Currently Amended) A method ~~[[of]]~~ for providing a communication interface for coupling a point-of-sale (P.O.S.) system to a cash management system for providing communication between the P.O.S. system and the cash management system including ~~providing software on the cash management system to permit operation of the cash management system over a communication link, and~~ providing software on at least the P.O.S. system ~~to permit control of~~ for controlling the cash management system over ~~[[the]]~~ a communication link,

wherein the cash management system includes a user interface, and providing the software on the P.O.S. system ~~to permit control of~~ for controlling the cash management system over a communication link comprises providing a user interface software on the P.O.S. system ~~which emulates the~~ for emulating a user interface of the cash management system.

22. (Previously presented) The method of claim 21, wherein the user interface of the cash management system includes a keyboard and a display.

23. (Previously presented) The method of claim 21, wherein the user interface software on the P.O.S. system emulates the display of the cash management system by changing a display window of the P.O.S. system at the same time and in the same way as the display of the cash management system.

24. Canceled.

25. (Currently Amended) The method of ~~providing a communication interface for coupling a point-of-sale system to a cash management system having cash depositing and cash dispensing functions of claim 24, wherein the software on the P.O.S. system for performing diagnostic functions on the cash management system over the communication link using a user~~

Appln No. 09/807,070
Amdt date August 28, 2009
Reply to Office action of April 28, 2009

~~interface device at the P.O.S. system comprises software for emulating claim 21, wherein the software is configured to emulate the diagnostic functions of the cash management system.~~

26. (Currently Amended) The method of ~~providing a communication interface for coupling a point of sale system to a cash management system having cash depositing and cash dispensing functions of claim 24, wherein the software on the P.O.S. system for performing diagnostic functions on the cash management system over the communication link using a user interface device at the P.O.S. system comprises software for determining that~~claim 21, wherein the software is configured to determine whether the cash management system is ~~still~~ connected to the P.O.S. system over the communication link.

27. (New) The method of claim 21, wherein the P.O.S. system includes a display screen, and wherein the emulating by the P.O.S. system of the user interface of the cash management system includes:

providing a graphical representation of the user interface of the cash management system on the display screen of the P.O.S. system.

28. (New) The method of claim 21, wherein the P.O.S. system includes a display screen and the cash management system includes a display buffer, wherein the emulating by the P.O.S. system of the user interface of the cash management system includes:

transmitting by the P.O.S. system a display command to the cash management system over the communication link;

retrieving by the cash management system display data stored in the display buffer in response to the command;

transmitting by the cash management system the retrieved display data to the P.O.S. system over the communication link; and

displaying by the P.O.S. system the display data received from the cash management system on the display screen for emulating display at the cash management system.

29. (New) The method of claim 21, wherein the P.O.S. system includes a first display screen and a first user input device, and the cash management system includes a second display screen and a second user input device, the method further comprising:

receiving by the P.O.S. system actuation of a key via the first user input device;

transmitting by the P.O.S. system a command including identification of the key over the communication link;

receiving by the cash management system the transmitted command and the identification of the key; and

processing by the cash management system, in response to receipt of the command, the key entered at the P.O.S. system as if the key had been entered via the second input device of the cash management system.

30. (New) The method of claim 29, wherein the processing by the cash management system includes:

generating a character code for the identified key; and

inserting the character code into a keyboard buffer included in the cash management system for emulating entry of the key via the second input device.

31. (New) A cash management interface system comprising:
a cash management system including a first user interface; and
a point-of-sale (POS) system including a second user interface and coupled to the cash management system over a data communications network,

wherein, the POS system is configured to receive input data via the second user interface and transmit the input data to the cash management system over the data communications network, and

wherein, the cash management system is configured to receive the input data from the POS system and process the input data as an input from the first user interface.

Appln No. 09/807,070

Amdt date August 28, 2009

Reply to Office action of April 28, 2009

32. (New) The cash management interface system of claim 31, wherein the cash management system is further configured to transmit display data to the POS system over the data communications network for emulating by the POS system data displayed at the cash management system.

33. (New) The cash management interface system of claim 31, wherein the POS system is further configured to display on the second user interface a graphical representation of the first user interface.